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Public Utility Commission of Texas

Employee Training Report Required by 16 Texas Admin. Code § 25.97(d)

PROJECT NO. 50595

AFFECTED ENTITY: City of Lubbock, acting by and through 
Lubbock Power & Light

General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

Affected Entity: City of Lubbock, acting by and through
Lubbock Power & Light

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1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

See Exhibit "A"

Affected Entity: City of Lubbock, acting by and through
Lubbock Power & Light

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2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

See Exhibit "A"

Affected Entity: City of Lubbock, acting by and through
Lubbock Power & Light

PROJECT NO. 50595

AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

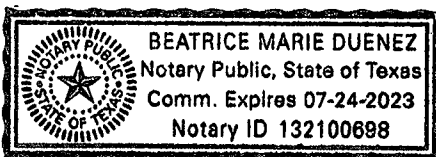
Robert B McGinnis
Signature

Robert B McGinnis
Printed Name

Chief Operating Officer
Job Title

City of Lubbock, acting by and through Lubbock Power & Li
Name of Affected Entity

Sworn and subscribed before me this 29 day of April, 2022
Month Year



Beatrice Marie Duenez
Notary Public in and For the State of Texas

My commission expires on 07-24-2023

Exhibit "A"

In accordance with the William Thomas Heath Power Line Safety Act, HB 4150, and PUCT Substantive Rule 25.97, Lubbock Power & Light is providing a summary description of training programs provide to employees related to overhead transmission and distribution lines. Among other things, this training includes hazard recognition, adherence to NESC guidelines for construction, operation and maintenance of transmission and distribution lines. Training also includes NESC Rule 232 and clearance requirements over any water surface. Included herein are summaries of the current training modules Lubbock Power and Light provides to employees. Lubbock Power & Light submitted its initial report related to employee training on April 29, 2020. Lubbock Power & Light submits this update to its initial filing to update the Commission on changed training programs to begin in October 2022.

TRAINING SUMMARIES

Titan Utility Services Training Summary: Live-line Training (three-day course)

Live Line 1-DEAD AND DE-ENERGIZED Participants in this course will be instructed on how to properly apply vehicle grounding and or how to apply barricading procedures. Instructors will inform students on the differences of potentials while working on energized conductors. Students will be instructed on proper use of rubber gloves and rubber sleeves. Proper inspection and testing of rubber goods will be covered in this portion. Students will be able to recognize and define differences between energized and de-energize conductors prior to work. Rubber sleeves and glove use will be introduced for those setting poles in energized line, operating meter bases, pedestals and URD cabinets. Proper voltage checks will be demonstrated and required. Participants will be instructed on installing and de-energized secondary services. All portions of this class will be under direct supervision.

Live Line 2: 600 VOLTS AND BELOW Participants will be instructed on proper aerial device set up and operation. Inspection and application of all insulated cover-up will be instructed and demonstrated. Rubber line hoses and blankets will be introduced, discussed, and demonstrated. Minimum approach distances will be calculated and demonstrated. Students will demonstrate proper cover-up installation, and repair of all energized secondary. All conductors will be de-energized and participants will be under direct supervision at all times.

Live Line 3 PRIMARY VOLTAGE ABOVE 600 VOLTS Participants will properly demonstrate the skills learned from LL 1 & 2. Instructors will be on site to discuss proper application and safe work practices for covering and working on single phase and dual phase primary structures. Instructors will provide multiple scenarios and introduce multiple hazards. Participants must show proficiencies in all aspects of this course. Hotline tag and one shot will be introduced in this portion.

Live Line 4 PRIMARY VOLTAGE ABOVE 600 VOLTS Participants will apply all knowledge learned in the first three courses. Every participant will be put in different scenarios where they will be evaluated on proper hazard recognition, proper work set up, rubber goods pre- inspection and proper installation, correct safe work practices on all three phase primary structures. All work will be hands on with direct supervision.

Summary of SLTC Global Transmission Hot Stick Certification Training (four-day course)

This instructor led course is designed to provide instruction on how to recognize hazards, understand theory, and work with hot sticks on a variety of Transmission structures and conductors from various working positions. Students are required to be engaged in the training, ask appropriate questions, and demonstrate their knowledge and understanding in both a classroom and field setting. Upon completion, students will be tested on their knowledge.

Summary of Northwest Lineman College

Module 3

Chapter 8 – Conductor Movement and Resulting Clearances

- Identify the NESC Rule which specifies clearances
- Describe key terms
- Describe the basic clearance requirements of the NESC for different situations

Chapter 9 – Conductor Movement and Resulting Clearances

- Determine which tables govern vertical clearances
- Explain how NESC vertical clearances are developed
- Identify clearance charts to determine required clearances at maximum sags
- Explain why additional clearances are required when wire, conductor, or cable is initially installed

Chapter 10 – Clearances Between Crossing Lines and Parallel Lines

- Determine which NESC rule and table governs vertical clearances of crossing lines supported on different structures
- Determine which NESC rule governs horizontal clearances between parallel lines supported on different structures
- Identify clearance charts to determine required clearances at maximum sags
- Explain why additional clearances are required when wire, conductor, or cable is initially installed

American Public Power Association (APPA) Safety Manual

Latest Edition - 16th

The APPA manual deals with the processes involved with safety, training, inspections, reporting hazardous conditions and daily activities that accompany the construction and maintenance of transmission and distribution lines. Employees are provided a safety manual when they begin working with LP&L. The safety manual is part of the training process that ties the technical information with the field application and inspections of lines.

Section 507.1 Working On or Near Exposed Energized Lines and Equipment

k) Employees shall immediately report to the nearest supervisor any defective line, apparatus or tool, or other condition, which in their judgement may be dangerous to either persons or property or likely to interrupt or delay service.